

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0900	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0900 West Sacramento	M	13.57				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	1.83		1.83	13.49%		
Trim / Thin Trees	0.01		0.01	0.07%		
Encroachments	0.17		0.17	1.25%	4.05	0.01
Animal Control	0.06		0.06	0.44%		
Slope Stability	0.09		0.09	0.66%		
<i>Supplemental</i>						
USACE Erosion Survey	0.43		0.43	3.17%		
<i>LMA Totals:</i>	2.59	0.00	2.59	19.09%	4.05	0.01

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles				
RD0900	U	7.84				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	1.31		1.31	16.71%		
Trim / Thin Trees	0.01		0.01	0.13%		
Encroachments	0.09		0.09	1.15%	1.73	0.01
Animal Control	0.03		0.03	0.38%		
Slope Stability	0.09		0.09	1.15%		
<i>Supplemental</i>						
USACE Erosion Survey	0.43		0.43	5.49%		
<i>Unit Totals:</i>	1.96	0.00	1.96	25.00%	1.73	0.01

Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles				
RD0900	M	5.73				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Vegetation	0.52		0.52	9.08%		
Encroachments	0.08		0.08	1.40%	2.32	
Animal Control	0.03		0.03	0.52%		
<i>Unit Totals:</i>	0.63	0.00	0.63	11.00%	2.32	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	7.84
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/26/2011 - 5/26/2011		9/28/2011 - 9/30/2011	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Ken Ruzich RD 0900		Ken Ruzich RD 0900	
	Tony Schwall		Tony Schwall	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	1.94	2.01	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2007 - Steep levee slope with cobble revetment rolling off the bank and a silty clay toe. 2008 - Plans for setback levee repair currently in the design phase. 2011: Setback levee under construction, expected completion in 2012. [2011 Site ID: SAC_57-2_R]	38.560512 ° -121.518376 °	38.558998 ° -121.517191 °	2 Y
2	2.00	2.27	Earthen Levee	Vegetation	CR	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: USACE has started to construct a setback levee in this area and has taken control of this portion of the levee.	38.559202 ° -121.517707 °	38.555462 ° -121.516297 °	1
3	2.07	2.11	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Old timber pile dikes remnant approximately 30 ft out into the channel. Oversized levee section. 1999 - Some additional erosion at water line. 2008 - Plans for setback levee repair (along with 57.2) currently in the design phase. 2011: Setback levee under construction, expected completion in 2012. [2011 Site ID: SAC_57-0_R]	38.558194 ° -121.516859 °	38.557717 ° -121.516647 °	3 Y
4	2.29	2.29	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.555220 ° -121.516100 °	38.555220 ° -121.516100 °	322 Y
5	2.30	2.30	Earthen Levee	Encroachments	LS	PO	Poles	38.555026 ° -121.516135 °	38.555026 ° -121.516135 °	21
6	2.31	2.31	Earthen Levee	Encroachments	LS	PO	Poles	38.554697 ° -121.515850 °	38.554697 ° -121.515850 °	22
7	2.35	2.48	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2007 - Have good berm width with minor toe erosion. Close to the levee toe protection, but levee slope is steep. 2011: New large erosion pocket. [2011 Site ID: SAC_56-7_R]	38.554277 ° -121.515263 °	38.552504 ° -121.514752 °	4 Y
8	2.35	2.35	Earthen Levee	Encroachments	LS	PO	Poles	38.554321 ° -121.515738 °	38.554321 ° -121.515738 °	24
9	2.39	2.39	Earthen Levee	Encroachments	LS	PO	Poles	38.553823 ° -121.515559 °	38.553823 ° -121.515559 °	27
10	2.41	2.41	Earthen Levee	Encroachments	LS	PO	Poles	38.553544 ° -121.515448 °	38.553544 ° -121.515448 °	32
11	2.44	2.44	Earthen Levee	Encroachments	LS	PO	Poles	38.553016 ° -121.515464 °	38.553016 ° -121.515464 °	33
12	2.47	2.47	Earthen Levee	Encroachments	LS	PO	Poles	38.552671 ° -121.515271 °	38.552671 ° -121.515271 °	34
13	2.50	2.50	Earthen Levee	Encroachments	LS	PO	Poles	38.552256 ° -121.515107 °	38.552256 ° -121.515107 °	35

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River							Right	7.84	09/28/2011 09/30/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
14	2.53	2.53	Earthen Levee	Encroachments	LS	PO	Poles	38.551846 ° -121.515009 °	38.551846 ° -121.515009 °	36
15	2.53	2.53	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	38.551809 ° -121.514980 °	38.551809 ° -121.514980 °	321 Y
16	2.53	2.53	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.551809 ° -121.514977 °	38.551809 ° -121.514977 °	320 Y
17	2.54	2.61	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 1997 - Low berm is contributing to erosion. Old timber pile dikes above water parallel to bank. The upstream mitigation low berm causes a flow separation at the site. 1999 - Some new localized erosion with less than one foot of bank retreat. 2000 - Some new erosion at the upstream end. Fat toe deposits at toe. 2003 - Some new erosion upstream, but have a wide berm. 2011: Minor new erosion at the toe. [2011 Site ID: SAC_56-5_R]	38.551319 ° -121.514423 °	38.550090 ° -121.513983 °	5 Y
18	2.56	2.56	Earthen Levee	Encroachments	LS	PO	Poles	38.551315 ° -121.514768 °	38.551315 ° -121.514768 °	37
19	2.59	2.61	Earthen Levee	Encroachments	LS	PO	Fences	38.550989 ° -121.514765 °	38.550721 ° -121.514685 °	18
20	2.61	2.61	Earthen Levee	Encroachments	LS	PO	Poles	38.550657 ° -121.514676 °	38.550657 ° -121.514676 °	38
21	2.61	2.61	Earthen Levee	Encroachments	LS	PO	Poles	38.550651 ° -121.514686 °	38.550651 ° -121.514686 °	39
22	2.64	2.64	Earthen Levee	Encroachments	LS	PO	Poles	38.550114 ° -121.514526 °	38.550114 ° -121.514526 °	40
23	2.66	2.66	Earthen Levee	Slope Stability	WS	M	Repair slope instability.	38.549983 ° -121.514423 °	38.549983 ° -121.514423 °	319 Y
24	2.66	3.02	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.549983 ° -121.514422 °	38.544873 ° -121.512438 °	318 Y
25	2.90	2.90	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.546783 ° -121.512878 °	38.546783 ° -121.512878 °	11 Y
26	3.02	3.02	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.544874 ° -121.512438 °	38.544874 ° -121.512438 °	317 Y
27	3.14	3.14	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.543305 ° -121.512754 °	38.543305 ° -121.512754 °	323 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
28	3.26	3.38	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2008 - Erosion into levee toe. Over steepened levee slope, worst at the upstream end. 2009 - Near vertical banks from rotational slumping, hidden by vegetation. 2010 - Boat sinking more, may be causing eddy scour around it. Difficult to see the vertical slumps due to dense vegetation. 2011: Minor new erosion at the toe. The paddleboat that was sitting at this site for years has been removed. [2011 Site ID: SAC_55-7_R]	38.540425 ° -121.514059 °	38.538689 ° -121.515916 °	9 Y
29	3.33	3.33	Earthen Levee	Encroachments	LS	PO	Poles	38.540802 ° -121.514249 °	38.540802 ° -121.514249 °	41
30	3.37	3.37	Earthen Levee	Encroachments	LS	PO	Poles	38.540366 ° -121.514652 °	38.540366 ° -121.514652 °	42
31	3.41	3.41	Earthen Levee	Encroachments	LS	PO	Poles	38.539922 ° -121.515014 °	38.539922 ° -121.515014 °	43
32	3.43	3.43	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.539772 ° -121.515312 °	38.539772 ° -121.515312 °	325 Y
33	3.43	5.83	Earthen Levee	Vegetation	LS	A	Remove the wild growth other than native grasses from the levee slopes.	38.539772 ° -121.515312 °	38.517995 ° -121.533161 °	324 Y
34	3.43	3.43	Earthen Levee	Encroachments	LS	PO	Poles	38.539712 ° -121.515402 °	38.539712 ° -121.515402 °	44
35	3.47	3.47	Earthen Levee	Encroachments	LS	PO	Poles	38.539300 ° -121.515903 °	38.539300 ° -121.515903 °	45
36	3.51	4.42	Earthen Levee	Encroachments	LS	PO	Poles	38.538985 ° -121.516409 °	38.532105 ° -121.530669 °	46
37	3.71	3.75	Earthen Levee	Encroachments	WS	PO	Landscaping	38.537213 ° -121.519363 °	38.536833 ° -121.520087 °	15
38	4.02	4.02	Earthen Levee	Encroachments	LS	PO	Poles	38.534968 ° -121.524402 °	38.534968 ° -121.524402 °	326
39	4.05	4.05	Earthen Levee	Encroachments	LS	M	Debris	38.534759 ° -121.524902 °	38.534759 ° -121.524902 °	327 Y
40	4.11	4.11	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Concrete debris with metal posing a safety risk.	38.534364 ° -121.526051 °	38.534364 ° -121.526051 °	54 Y
41	4.12	4.12	Earthen Levee	Encroachments	LS	M	Debris	38.534358 ° -121.525947 °	38.534358 ° -121.525947 °	328 Y
42	4.12	4.12	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.534354 ° -121.525943 °	38.534354 ° -121.525943 °	329 Y

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 Sacramento River						Right	7.84	09/28/2011 09/30/2011		Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
43	4.28	4.28	Earthen Levee	Encroachments	WS	CO	Buildings Inspector Comments: Miscellaneous unpermitted encroachments at the Sherwood Harbor. An encroachment permit application is being reviewed by RD900.	38.533274 ° -121.528628 °	38.533274 ° -121.528628 °	20 Y
44	4.77	4.77	Earthen Levee	Encroachments	LS	PO	Poles	38.527253 ° -121.531783 °	38.527253 ° -121.531783 °	47
45	4.82	5.00	Earthen Levee	Encroachments	WS	PO	Poles	38.526684 ° -121.531221 °	38.524505 ° -121.529316 °	48
46	4.97	4.97	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.524899 ° -121.529675 °	38.524899 ° -121.529675 °	331 Y
47	4.97	4.97	Earthen Levee	Encroachments	WS	M	Debris	38.524898 ° -121.529674 °	38.524898 ° -121.529674 °	330 Y
48	5.04	5.25	Earthen Levee	Encroachments	LS	PO	Poles	38.524116 ° -121.528883 °	38.522004 ° -121.526141 °	49
49	5.20	5.20	Earthen Levee	Encroachments	LS	PO	Poles	38.522521 ° -121.526741 °	38.522521 ° -121.526741 °	332 Y
50	5.27	5.35	Earthen Levee	Encroachments	WS	PO	Poles	38.521633 ° -121.525884 °	38.520659 ° -121.525474 °	50
51	5.39	5.39	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	38.520228 ° -121.525657 °	38.520228 ° -121.525657 °	333 Y
52	5.39	5.39	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: 2 poles on the landward shoulder.	38.520097 ° -121.525637 °	38.520097 ° -121.525637 °	51
53	5.40	5.40	Earthen Levee	Encroachments	LS	PO	Poles	38.520022 ° -121.525898 °	38.520022 ° -121.525898 °	334
54	5.40	5.40	Earthen Levee	Vegetation	WS	W	Elderberries are blocking visibility and flood fight capability.	38.520022 ° -121.525899 °	38.520022 ° -121.525899 °	335 Y
55	5.53	5.53	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.518988 ° -121.527738 °	38.518988 ° -121.527738 °	958 Y
56	5.54	5.54	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.518883 ° -121.527800 °	38.518883 ° -121.527800 °	52
57	5.57	5.57	Earthen Levee	Encroachments	LS	M	Debris	38.518745 ° -121.528351 °	38.518745 ° -121.528351 °	336 Y
58	5.58	5.63	Earthen Levee	Encroachments	LS	C	Landscaping	38.518710 ° -121.528513 °	38.518492 ° -121.529410 °	23
59	5.59	5.59	Earthen Levee	Encroachments	LS	C	Buildings Inspector Comments: Retaining wall and vegetation along the edge of the landward ramp.	38.518561 ° -121.528756 °	38.518561 ° -121.528756 °	53

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway						Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 Sacramento River						Right	7.84	09/28/2011 09/30/2011		Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
60	5.60	5.60	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: The LMA bought the old house and cleaned up the landscaping along with the house and retaining wall.	38.518565 ° -121.528959 °	38.518565 ° -121.528959 °	337 Y
61	5.82	5.82	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	38.518018 ° -121.532961 °	38.518018 ° -121.532961 °	338 Y
62	5.86	5.86	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.517991 ° -121.533663 °	38.517991 ° -121.533663 °	339 Y
63	5.86	6.83	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	38.517991 ° -121.533664 °	38.515344 ° -121.551026 °	340 Y
64	5.97	5.98	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.517952 ° -121.535672 °	38.517948 ° -121.535857 °	25 Y
65	6.57	6.63	Earthen Levee	Encroachments	LS	PO	Landscaping	38.516657 ° -121.546643 °	38.516421 ° -121.547575 °	10 Y
66	6.74	6.74	Earthen Levee	Trim / Thin Trees	LS	A	Trim trees to at least five feet above ground level.	38.515841 ° -121.549510 °	38.515841 ° -121.549510 °	6 Y
67	6.83	6.83	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by foot traffic and prevent access where possible.	38.515343 ° -121.551026 °	38.515343 ° -121.551026 °	341 Y
68	6.96	6.96	Earthen Levee	Encroachments	WS	M	Firewood	38.514434 ° -121.553246 °	38.514434 ° -121.553246 °	342 Y
69	7.12	7.12	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Concrete debris from old rail road track.	38.512642 ° -121.554881 °	38.512642 ° -121.554881 °	343 Y
70	7.23	7.23	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.511104 ° -121.555664 °	38.511104 ° -121.555664 °	8 Y
71	7.27	7.27	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	38.510613 ° -121.555969 °	38.510613 ° -121.555969 °	7 Y
72	7.33	7.33	Earthen Levee	Encroachments	WS	M	Prunings	38.509748 ° -121.556426 °	38.509748 ° -121.556426 °	14 Y
73	7.50	7.50	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo on the waterward slope.	38.507497 ° -121.557643 °	38.507497 ° -121.557643 °	12 Y
74	7.81	7.81	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Arundo on the waterward slope.	38.503384 ° -121.559836 °	38.503384 ° -121.559836 °	13 Y

*** Location**

LS : Land Side
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**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

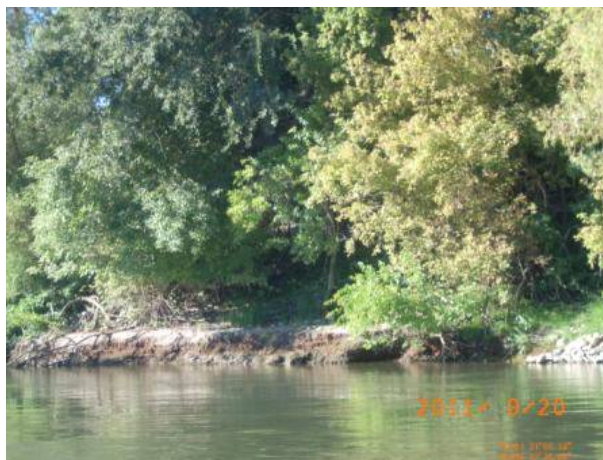
Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	1
Start Levee Mile	1.94
End Levee Mile	2.01
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_57-2_R_1.jpg



Levee Mile Report Line	1
Start Levee Mile	1.94
End Levee Mile	2.01
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

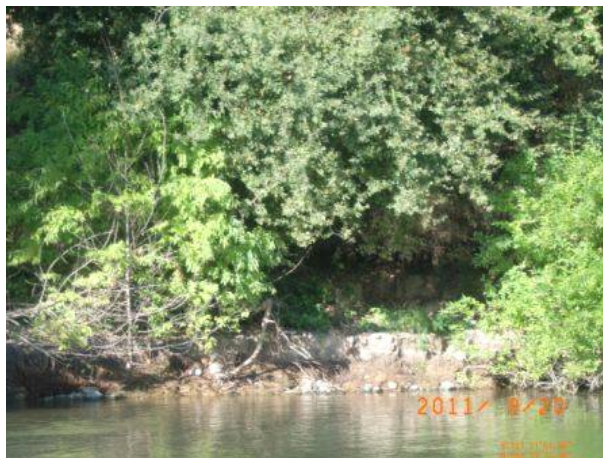
USACE2011_SAC_57-2_R_2.jpg



Levee Mile Report Line	1
Start Levee Mile	1.94
End Levee Mile	2.01
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_57-2_R_3.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	2.07
End Levee Mile	2.11
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_57-0_R_1.jpg



Levee Mile Report Line	3
Start Levee Mile	2.07
End Levee Mile	2.11
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_57-0_R_2.jpg



Levee Mile Report Line	4
Start Levee Mile	2.29
End Levee Mile	2.29
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was caused due to vehicular traffic on the landside and crown of the levee looking upstream.

pkazi_f_20111107_172.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	4
Start Levee Mile	2.29
End Levee Mile	2.29
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found on the landside of the levee looking upstream.

pkazi_f_20111107_173.jpg



Levee Mile Report Line	7
Start Levee Mile	2.35
End Levee Mile	2.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_56-7_R_1.jpg



Levee Mile Report Line	7
Start Levee Mile	2.35
End Levee Mile	2.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_56-7_R_2.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	7
Start Levee Mile	2.35
End Levee Mile	2.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_56-7_R_3.jpg



Levee Mile Report Line	15
Start Levee Mile	2.53
End Levee Mile	2.53
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the landside slope of the levee. The picture was taken from toe of the levee looking towards the crown.

pkazi_f_20111107_171.jpg



Levee Mile Report Line	16
Start Levee Mile	2.53
End Levee Mile	2.53
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found on the waterside of the levee looking upstream.

pkazi_f_20111107_170.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	17
Start Levee Mile	2.54
End Levee Mile	2.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_56-5_R_1.jpg



Levee Mile Report Line	17
Start Levee Mile	2.54
End Levee Mile	2.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_56-5_R_2.jpg



Levee Mile Report Line	17
Start Levee Mile	2.54
End Levee Mile	2.61
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_56-5_R_3.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	23
Start Levee Mile	2.66
End Levee Mile	2.66
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found on the waterside of the levee looking upstream.

pkazi_f_20111107_169.jpg



Levee Mile Report Line	24
Start Levee Mile	2.66
End Levee Mile	3.02
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Vegetation on the landside of the slope is in acceptable condition. The picture was taken from the crown looking downstream.

pkazi_f_20111107_168.jpg



Levee Mile Report Line	25
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of vegetation within the top 20' of the waterward slope looking downstream.

pkazi_f_20110923_390.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	26
Start Levee Mile	3.02
End Levee Mile	3.02
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found due to foot traffic on the waterside of the slope looking upstream.

pkazi_f_20111107_167.jpg



Levee Mile Report Line	27
Start Levee Mile	3.14
End Levee Mile	3.14
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Side curb was damaged due to vehicular traffic and if not repaired then it might cause instability on the levee in future. The picture was taken from the crown looking downstream.

pkazi_f_20111107_174.jpg



Levee Mile Report Line	28
Start Levee Mile	3.26
End Levee Mile	3.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011_SAC_55-7_R_1.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	28
Start Levee Mile	3.26
End Levee Mile	3.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011_SAC_55-7_R_2.jpg



Levee Mile Report Line	28
Start Levee Mile	3.26
End Levee Mile	3.38
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011_SAC_55-7_R_3.jpg



Levee Mile Report Line	32
Start Levee Mile	3.43
End Levee Mile	3.43
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found landside of the levee looking upstream.

pkazi_f_20111109_176.jpg

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	33
Start Levee Mile	3.43
End Levee Mile	5.83
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Vegetation on the landside of the levee is in acceptable condition. The picture was taken from the crown looking downstream.	
pkazi_f_20111107_175.jpg	



Levee Mile Report Line	39
Start Levee Mile	4.05
End Levee Mile	4.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments
Concrete debris were found on the landside of the levee looking upstream.	
pkazi_f_20111109_177.jpg	



Levee Mile Report Line	40
Start Levee Mile	4.11
End Levee Mile	4.11
Location	Land Side
Category	Earthen Levee
Item	Encroachments
View of concrete debris with metal looking upstream.	
pkazi_f_20110923_399.jpg	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	41
Start Levee Mile	4.12
End Levee Mile	4.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Debris were found on the landside toe of the levee. The picture was taken from the crown looking towards the toe.

pkazi_f_20111109_178.jpg



Levee Mile Report Line	42
Start Levee Mile	4.12
End Levee Mile	4.12
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was caused by vehicular traffic on the landside slope of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111109_179.jpg



Levee Mile Report Line	43
Start Levee Mile	4.28
End Levee Mile	4.28
Location	Water Side
Category	Earthen Levee
Item	Encroachments

View of Sherwood harbor's unpermitted properties on the waterside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111109_180.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	46
Start Levee Mile	4.97
End Levee Mile	4.97
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was caused by foot traffic on the waterside slope of the levee looking upstream.

pkazi_f_20111109_182.jpg



Levee Mile Report Line	47
Start Levee Mile	4.97
End Levee Mile	4.97
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Concrete anchor was found on the waterside slope of the levee looking upstream.

pkazi_f_20111109_181.jpg



Levee Mile Report Line	49
Start Levee Mile	5.20
End Levee Mile	5.20
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the pole on the landside of the levee looking upstream.

pkazi_f_20111109_183.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	51
Start Levee Mile	5.39
End Levee Mile	5.39
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found on waterside of the levee looking upstream.

pkazi_f_20111109_184.jpg



Levee Mile Report Line	54
Start Levee Mile	5.40
End Levee Mile	5.40
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of Elderberry tree on the waterside of the levee looking upstream.

pkazi_f_20111109_185.jpg



Levee Mile Report Line	55
Start Levee Mile	5.53
End Levee Mile	5.53
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Elderberry on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20110923_400.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	57
Start Levee Mile	5.57
End Levee Mile	5.57
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Debris were found on the landside of the levee. The picture was taken from the crown looking towards the toe.

pkazi_f_20111109_186.jpg



Levee Mile Report Line	60
Start Levee Mile	5.60
End Levee Mile	5.60
Location	Land Side
Category	Earthen Levee
Item	Encroachments

An old encroachment was removed from this area but little debris still remains on the landside of the levee looking upstream.

pkazi_f_20111109_187.jpg



Levee Mile Report Line	62
Start Levee Mile	5.86
End Levee Mile	5.86
Location	Land Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the landside of the levee looking upstream.

pkazi_f_20111109_188.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	63
Start Levee Mile	5.86
End Levee Mile	6.83
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Wild growth was found on the landside of the levee looking upstream.

pkazi_f_20111109_189.jpg



Levee Mile Report Line	64
Start Levee Mile	5.97
End Levee Mile	5.98
Location	Land Side
Category	Earthen Levee
Item	Vegetation

Elderberry located on the landside of the levee obstructing the view. The picture was taken from the crown looking downstream.

pkazi_f_20110923_394.jpg



Levee Mile Report Line	65
Start Levee Mile	6.57
End Levee Mile	6.63
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Landscaping was obstructing the view on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20110923_389.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	66
Start Levee Mile	6.74
End Levee Mile	6.74
Location	Land Side
Category	Earthen Levee
Item	Trim / Thin Trees

Vegetation and trees complied with standards on the landside of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20110923_387.jpg



Levee Mile Report Line	67
Start Levee Mile	6.83
End Levee Mile	6.83
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

Slope instability was found on the landside of the levee. The picture was taken from the toe looking towards the crown.

pkazi_f_20111109_190.jpg



Levee Mile Report Line	68
Start Levee Mile	6.96
End Levee Mile	6.96
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Firewood was found on the crown of the levee looking upstream.

pkazi_f_20111109_191.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	69
Start Levee Mile	7.12
End Levee Mile	7.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Concrete debris from old rail road track was found on the landside of the levee looking upstream.

pkazi_f_20111109_192.jpg



Levee Mile Report Line	71
Start Levee Mile	7.27
End Levee Mile	7.27
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of elderberries blocking visibility on the landward slope looking upstream.

pkazi_f_20110923_388.jpg



Levee Mile Report Line	72
Start Levee Mile	7.33
End Levee Mile	7.33
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Prunings were found on the waterside of the levee. The picture was taken from the crown looking towards the river.

pkazi_f_20110923_393.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

Levee Mile Report Line	73
Start Levee Mile	7.50
End Levee Mile	7.50
Location	Water Side
Category	Earthen Levee
Item	Vegetation

Arundo on the waterside slope of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20110923_391.jpg



Levee Mile Report Line	73
Start Levee Mile	7.50
End Levee Mile	7.50
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of arundo on the waterside of the levee looking upstream during fall 2011 inspection.

pkazi_f_20111109_193.jpg



Levee Mile Report Line	74
Start Levee Mile	7.81
End Levee Mile	7.81
Location	Water Side
Category	Earthen Levee
Item	Vegetation

View of arundo on the waterside of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20111109_194.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance
Levee Inspections****Levee Inspection Report By Mile - Fall 2011****Reclamation District No. 0900 West Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	7.84	09/28/2011 09/30/2011	Pavel Kazi

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 0900 West Sacramento

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	5.73
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	5/26/2011 - 5/26/2011		9/28/2011 - 9/28/2011	
DWR Inspector	Pavel Kazi		Pavel Kazi	
Accompanied By	Tony Schwall		Tony Schwall	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass							Left	5.73	09/28/2011 09/28/2011	Pavel Kazi
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.38	0.38	Earthen Levee	Encroachments	WS	PO	Poles Inspector Comments: Lights on a telephone pole at the landward toe.	38.578683 ° -121.572655 °	38.578683 ° -121.572655 °	4
2	0.95	0.95	Earthen Levee	Cracking	WS	C	Monitor and have inspected by geotechnical engineer.	38.574250 ° -121.581520 °	38.574250 ° -121.581520 °	9
3	0.95	0.95	Earthen Levee	Cracking	CR	A	Monitor and have inspected by geotechnical engineer. Inspector Comments: No cracking appeared in this area during fall 2011 inspection.	38.574250 ° -121.581520 °	38.574250 ° -121.581520 °	395 Y
4	1.31	1.31	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Abandoned city water well at the landward toe.	38.569258 ° -121.582232 °	38.569258 ° -121.582232 °	5
5	1.87	1.87	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass.	38.561166 ° -121.582240 °	38.561166 ° -121.582240 °	6
6	2.07	2.07	Earthen Levee	Encroachments	WS	M	Pipe Inspector Comments: HDPE pipe at the waterward toe. The LMA purposely put the pipe to prevent people from driving up the levee.	38.558296 ° -121.582151 °	38.558296 ° -121.582151 °	13 Y
7	2.45	2.45	Earthen Levee	Encroachments	WS	M	Prunings	38.552677 ° -121.582183 °	38.552677 ° -121.582183 °	381 Y
8	2.46	2.46	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Wood pole with electrical lines providing power to a pump in the bypass.	38.552639 ° -121.582203 °	38.552639 ° -121.582203 °	14 Y
9	3.12	3.12	Earthen Levee	Encroachments	LS	M	Debris Inspector Comments: Old post sign pole.	38.543016 ° -121.582222 °	38.543016 ° -121.582222 °	382 Y
10	3.12	3.12	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.543016 ° -121.582221 °	38.543016 ° -121.582221 °	383 Y
11	3.25	3.25	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: The pole will be removed by the LMA by spring 2012.	38.541155 ° -121.582219 °	38.541155 ° -121.582219 °	384 Y
12	3.26	3.26	Earthen Levee	Encroachments	WS	M	Equipment Inspector Comments: Abandoned pump station was removed during inspection.	38.540982 ° -121.582220 °	38.540982 ° -121.582220 °	386 Y
13	3.26	4.92	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.540943 ° -121.582283 °	38.517056 ° -121.582218 °	17
14	3.26	3.26	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Recently removed waterward pump. Some pipe, equipment and debris remain.	38.540943 ° -121.582280 °	38.540943 ° -121.582280 °	15 Y

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Yolo Bypass							Left	5.73	09/28/2011 09/28/2011	Pavel Kazi	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
15	3.61	3.61	Earthen Levee	Encroachments	WS	M	Debris Inspector Comments: Concrete debris.	38.535886 ° -121.582193 °	38.535886 ° -121.582193 °	385 Y	
16	3.61	3.61	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.535886 ° -121.582193 °	38.535886 ° -121.582193 °	387 Y	
17	3.70	3.70	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	38.534682 ° -121.582176 °	38.534682 ° -121.582176 °	388 Y	
18	3.71	3.71	Earthen Levee	Encroachments	WS	PO	Signs Inspector Comments: It will be removed.	38.534480 ° -121.582173 °	38.534480 ° -121.582173 °	389	
19	3.97	4.49	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee slope has been mowed and appears to be acceptably maintained, but vegetation is still present at the toe.	38.530680 ° -121.582204 °	38.523248 ° -121.582213 °	16 Y	
20	4.37	4.37	Earthen Levee	Slope Stability	CR	C	Repair slope instability.	38.524939 ° -121.582120 °	38.524939 ° -121.582120 °	8	
21	4.57	4.92	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee slope has been mowed and appears to be acceptably maintained, but vegetation is still present at the toe.	38.522114 ° -121.582251 °	38.517099 ° -121.582198 °	18	
22	4.85	4.85	Earthen Levee	Encroachments	WS	M	Abandoned vehicles Inspector Comments: Old equipment to keep vehicles out.	38.518072 ° -121.582129 °	38.518072 ° -121.582129 °	391 Y	
23	4.85	4.85	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: A gate was put in by the LMA to keep the vehicle out.	38.518072 ° -121.582129 °	38.518072 ° -121.582129 °	392 Y	
24	4.92	4.98	Earthen Levee	Encroachments	LS	PO	Fences	38.517026 ° -121.582224 °	38.516157 ° -121.582222 °	2	
25	4.96	4.96	Earthen Levee	Encroachments	LS	PO	Buildings Inspector Comments: Ongoing pump station replacement project underway, permit #18116.	38.516465 ° -121.582225 °	38.516465 ° -121.582225 °	12 Y	
26	5.02	5.02	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: 2 power poles in the levee toe supplying power to the district pumping plant.	38.515519 ° -121.582185 °	38.515519 ° -121.582185 °	20	
27	5.06	5.06	Earthen Levee	Encroachments	WS	M	Debris	38.514976 ° -121.582204 °	38.514976 ° -121.582204 °	393 Y	
28	5.07	5.07	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.514929 ° -121.582163 °	38.514929 ° -121.582163 °	21	

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass				Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
29	5.08	5.46	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch Inspector Comments: District maintained drainage channel necessary for operation of the system located at the landward toe.	38.515634 ° -121.582060 °	38.509234 ° -121.582170 °	19
30	5.10	5.10	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.514384 ° -121.582113 °	38.514384 ° -121.582113 °	22
31	5.12	5.12	Earthen Levee	Encroachments	WS	M	Debris	38.514094 ° -121.582187 °	38.514094 ° -121.582187 °	394
32	5.16	5.16	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.513621 ° -121.582144 °	38.513621 ° -121.582144 °	23
33	5.21	5.21	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.512905 ° -121.582124 °	38.512905 ° -121.582124 °	24
34	5.27	5.27	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.511972 ° -121.582071 °	38.511972 ° -121.582071 °	25
35	5.33	5.33	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.511066 ° -121.582141 °	38.511066 ° -121.582141 °	26
36	5.39	5.39	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.510195 ° -121.582141 °	38.510195 ° -121.582141 °	27
37	5.46	5.46	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.509284 ° -121.582130 °	38.509284 ° -121.582130 °	28
38	5.52	5.52	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.508378 ° -121.582153 °	38.508378 ° -121.582153 °	29
39	5.58	5.58	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.507460 ° -121.582132 °	38.507460 ° -121.582132 °	30
40	5.64	5.64	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee toe supplying power to the district pumping plant.	38.506586 ° -121.582130 °	38.506586 ° -121.582130 °	31
41	5.71	5.71	Earthen Levee	Encroachments	LS	PO	Poles Inspector Comments: Power pole in the levee shoulder supplying power to the district pumping plant.	38.505643 ° -121.582159 °	38.505643 ° -121.582159 °	32

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

Levee Mile Report Line	3
Start Levee Mile	0.95
End Levee Mile	0.95
Location	Crown
Category	Earthen Levee
Item	Cracking

No cracking was found in this area during inspection. The picture was taken from the crown looking upstream.

pkazi_f_20111105_153.jpg



Levee Mile Report Line	6
Start Levee Mile	2.07
End Levee Mile	2.07
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Pipes were placed at the toe of the landside of the levee to prevent people from driving on the slope. The picture was taken from the crown looking upstream.

pkazi_f_20111105_154.jpg



Levee Mile Report Line	7
Start Levee Mile	2.45
End Levee Mile	2.45
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Prunings were found on the waterside of the levee looking upstream.

pkazi_f_20111105_155.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

Levee Mile Report Line	8
Start Levee Mile	2.46
End Levee Mile	2.46
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Wood pole for electrical lines was located on the landside of the levee. The picture was taken from the crown looking upstream.

pkazi_f_20111105_156.jpg



Levee Mile Report Line	9
Start Levee Mile	3.12
End Levee Mile	3.12
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Abandon pole was found on the landside of the levee looking upstream.

pkazi_f_20111105_157.jpg



Levee Mile Report Line	10
Start Levee Mile	3.12
End Levee Mile	3.12
Location	Water Side
Category	Earthen Levee
Item	Animal Control

A rodent hole was found on the waterside of the levee. The picture was taken from toe of the levee looking upstream.

pkazi_f_20111105_158.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

Levee Mile Report Line	11
Start Levee Mile	3.25
End Levee Mile	3.25
Location	Land Side
Category	Earthen Levee
Item	Encroachments

A pole was located on the landside of the levee which will be removed by spring 2012. The picture was taken from the crown looking upstream.

pkazi_f_20111105_159.jpg



Levee Mile Report Line	12
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Abandon pump station structure was removed during fall 2011 inspection but existing pipe still remains on the waterside slope of the levee. The picture was taken from the crown looking downstream.

pkazi_f_20111109_195.jpg



Levee Mile Report Line	14
Start Levee Mile	3.26
End Levee Mile	3.26
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Abandon pipes and debris was found on the landside of the levee looking upstream.

pkazi_f_20111106_160.jpg



*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

Levee Mile Report Line	15
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Concrete debris was found on the waterside of the levee looking upstream.

pkazi_f_20111106_161.jpg



Levee Mile Report Line	16
Start Levee Mile	3.61
End Levee Mile	3.61
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent holes were found on the landside of the levee looking upstream.

pkazi_f_20111107_162.jpg



Levee Mile Report Line	17
Start Levee Mile	3.70
End Levee Mile	3.70
Location	Land Side
Category	Earthen Levee
Item	Animal Control

Rodent hole was found on the landside slope of the levee. The picture was taken from the toe of the levee looking upstream.

pkazi_f_20111107_163.jpg



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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W : Watch/Monitor

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

Levee Mile Report Line	19
Start Levee Mile	3.97
End Levee Mile	4.49
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of vegetation along the toe adjacent to the ditch looking downstream.

pkazi_f_20110923_703.jpg



Levee Mile Report Line	22
Start Levee Mile	4.85
End Levee Mile	4.85
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Metal equipments and debris are purposely placed next to the gate by the LMA for barricade. The picture was taken from the crown looking upstream.

pkazi_f_20111107_165.jpg



Levee Mile Report Line	23
Start Levee Mile	4.85
End Levee Mile	4.85
Location	Crown
Category	Earthen Levee
Item	Encroachments

A gate is installed by the LMA on the crown of the levee looking upstream.

pkazi_f_20111107_164.jpg



*** Location**

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WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 0900 West Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Left	5.73	09/28/2011 09/28/2011	Pavel Kazi

Levee Mile Report Line	25
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the open pit and construction activity on a new pump station on the landward side of the levee.

pkazi_f_20110923_701.jpg



Levee Mile Report Line	25
Start Levee Mile	4.96
End Levee Mile	4.96
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of construction as of fall 2010.

pkazi_f_20110923_702.jpg



Levee Mile Report Line	27
Start Levee Mile	5.06
End Levee Mile	5.06
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Debris was found on the waterside of the levee looking upstream.

pkazi_f_20111107_166.jpg



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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